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Substitute for form 1449B/PTO Complete if Known **Application Number** 10/048,023 INFORMATION DISCLOSURE STATEMENT BY APPLICANT 01/28/2002 Filing Date Yasukazu IWASAKI First Named Inventor Date Submitted: January 3, 2005 1764 **Group Art Unit** Unassigned (use as many sheets as necessary) **Examiner Name** Sheet 1 of 1 **Attorney Docket Number** 040302-0285

| U.S. PATENT DOCUMENTS | | | | | | | |
|-----------------------|--------------|----------------------|---|---|------------------------------|--|--|
| Examiner Initials* | | U.S. Patent Document | | | Date of Publication of | Pages, Columns, Lines, Where Relevant | |
| | Cite No.1 | Number | Kind Code ² (if known) | Name of Patentee or Applicant of Cited Document | Cited Document MM-DD-YYYY | Passages or Relevant Figures Appear | |
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| | Cite No.1 | Foreign Patent Document | | | Name of Patentee or | Date of Publication of Cited Document | Pages, Columns, Lines, Where Relevant | T ⁶ |
|-----|--------------|---|------------|------------------------------|---------------------|--|--|----------------|
| | | Office ³ Number ⁴ Kind Code ⁵ (if known) | | Applicant of Cited Documents | MM-DD-YYYY | Passages or Relevant Figures Appear | | |
| 1/1 | B1 | JP | 2000-53403 | Α | TOYOTA MOTOR CORP. | 02-22-2000 | | Abs |
| ì | B2 | JP | 55-27358 | Α | OOITA GAS KK et al. | 02-27-1980 | | Abs |
| 1/ | B3 | JP | 7-296834 | Α | HITACHI LTD. | 11-10-1995 | | Abs |
| 1/ | B4 | JP. | 2000-34101 | Α | TOYOTA MOTOR CORP. | 02-02-2000 | | Abs |
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| NON PATENT LITERATURE DOCUMENTS | | | | | | | |
|---------------------------------|--|--|---|--|--|--|--|
| Examiner Initials* | Cite No.1 Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue publisher, city and/or country where published. | | | | | | |
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| Examiner Signature | Mirwane | Date Considered | 9-14-05 |
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| | | U.S. PATE | NT DOCUMENTS | | | | |
| REF | DOCUMENT DATE | | NAME | CLASS | SUB- CLASS | FILING DATE IF APPROPRIATE | |
| A1 | 5,006,425 | April 9, 1991 | Takabayashi | 429 | 23 | | |
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| A2 | 01/16022 | March 8, 2001 | WIPO | | | | |
| A3 | 0 978 476 | Feb. 9, 2000 | EPO | | | | |
| A4 | 0 973 219 | Jan. 19, 2000 | EPO | | | | |
| A5 | 0 973 220 | Jan. 19, 2000 | EPO | | | | |
| | OTHER DOCU | MENTS (Including | Author, Title, Date, | Pertinent Pages, | Etc.) | | |
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| | REF A1 REF A2 A3 A4 A5 | REF DOCUMENT NUMBER A1 5,006,425 REF DOCUMENT NUMBER A2 01/16022 A3 0 978 476 A4 0 973 219 A5 0 973 220 OTHER DOCUMENT | CORMATION DISCLOSURE CITATION (Use several sheets if necessary) U.S. PATE REF DOCUMENT NUMBER DATE A1 5,006,425 April 9, 1991 FOREIGN PA REF DOCUMENT NUMBER DATE A2 01/16022 March 8, 2001 A3 0 978 476 Feb. 9, 2000 A4 0 973 219 Jan. 19, 2000 OTHER DOCUMENTS (Including) OTHER DOCUMENTS (Including) | APPLICANT (Use several sheets if necessary) U.S. PATENT DOCUMENTS REF DOCUMENT NUMBER DATE NAME A1 5,006,425 April 9, 1991 Takabayashi FOREIGN PATENT DOCUMENT REF NUMBER DATE COUNTRY REF NUMBER DATE COUNTRY A2 01/16022 March 8, 2001 WIPO A3 0 978 476 Feb. 9, 2000 EPO A4 0 973 219 Jan. 19, 2000 EPO OTHER DOCUMENTS (Including Author, Title, Date, MINER: Initial if citation considered, whether or not citation through citation if not in conformance and not considered. | APPLICANT Yasukazu 1 FILING DATE O1/28/2002 U.S. PATENT DOCUMENTS REF DOCUMENT NUMBER A1 5,006,425 April 9, 1991 Takabayashi 429 FOREIGN PATENT DOCUMENTS REF DOCUMENT NUMBER A2 01/16022 March 8, 2001 WIPO A3 0 978 476 Feb. 9, 2000 EPO A4 0 973 219 Jan. 19, 2000 EPO OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, MINER: Initial if citation considered, whether or not citation is in conformathrough citation if not in conformance and not considered. Include any citation if not in conformance and not considered. Include any citation if not in conformance and not considered. Include any citation if not in conformance and not considered. Include any citation if not in conformance and not considered. Include any citation if not in conformance and not considered. Include any citation if not in conformance and not considered. Include any citation if not in conformance and not considered. Include any citation if not in conformance and not considered. Include any citation if not in conformance and not considered. Include any citation if not in conformance and not considered. Include any citation if not in conformance and not considered. Include any citation if not in conformance and not considered. Include any citation if not in conformance and not considered. Include any citation if not in conformance and not considered. Include any citation if not in conformance and not considered. Include any citation if not in conformance and not considered. | PATENT AND TRADEMARK OFFICE ORMATION DISCLOSURE CITATION (Use several sheets if necessary) U.S. PATENT DOCUMENT NUMBER A1 5,006,425 April 9, 1991 Takabayashi FOREIGN PATENT DOCUMENTS REF DOCUMENT NUMBER DATE COUNTRY FOREIGN PATENT DOCUMENTS REF DOCUMENT NUMBER DATE COUNTRY A2 01/15022 March 8, 2001 WIPO A3 0 978 476 Feb. 9, 2000 EPO A4 0 973 219 Jan. 19, 2000 EPO OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) DATE CONSIDERED OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) DATE CONSIDERED DATE CONSIDERED OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | PATENT AND TRADEMARK OFFICE ORMATION DISCLOSURE CITATION (Use several sheets if necessary) U.S. PATENT DOCUMENTS REF DOCUMENT NUMBER DATE NAME CLASS SUBCLASS APPROCUMENTS FOREIGN PATENT DOCUMENTS REF DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS YES A2 01/16022 March 8, 2001 WIPO A3 0 978 476 Feb. 9, 2000 EPO A4 0 973 219 Jan. 19, 2000 EPO OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) DATE CONSIDERED ASSOCIATION MINER: Initial if citation considered, whether or not citation is in conformance with MPEP 605 through citation is find conformance with MPEP 605 through citation is not conformance with MPEP 605 through citation is not conformance with MPEP 605 through citation is not conformance and not considered. Inicude any copy of this form with through citation is not conformance with MPEP 605 through citation is not conformance and not considered. Inicude any copy of this form with through citation is not conformance and not considered. |